

RAFIX 16, universal switching element, gold, with lamp socket, screw terminal, momentary contact function, for W 2 x 4.6d, 2 NO



Description

RAFIX universal switching elements are designed for emergency stops and actuators with two actuating directions (e.g. selector switches). The universal switching elements always have a momentary contact function - then a switching function is implemented by the actuator alone.

technical data

> general

| | |
|--|--|
| Color | light gray |
| Operating temperature, min. | -25 °C |
| Operating temperature, max. | 70 °C |
| Storage temperature, min. | -40 °C |
| Storage temperature, max. | 85 °C |
| illuminated | Yes |
| Lamp socket | W 2 x 4.6d |
| Packaging unit | 20 pcs. |
| Net weight | 21 g |
| Operating life | 2,000,000 cycles |
| B10 | 2,600,000 cycles |
| Environment resistance | IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78 |
| Shock resistance according to standard IEC 60068-2-27 | 50 g at 11 ms amplitude semi-sinusoidal |
| Vibration resistance according to standard IEC 60068-2-6 | 10 g at 20 - 500 Hz |
| Protection class | II |
| Minimum order quantity (MOQ) | 20 pcs. |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| Country of origin | DE |

> mounting diameters

| | |
|---------------------------|---------|
| Outside dimension, length | 25 mm |
| Outside dimension, width | 22 mm |
| Outside dimension, height | 43 mm |
| Mounting depth | 51.1 mm |

> mechanical data

| | |
|----------------|------|
| Abisolierlänge | 9 mm |
|----------------|------|

direct links

> [RAFI eCatalog](#)

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| | |
|------------------------|----------------------------|
| Terminal on the rear | Screw terminal |
| Fixing | Latching |
| Actuation function | momentary contact function |
| Operating force, max. | 100 N |
| Operating travel, max. | 3 mm |
| Contact function | 2 NO |
| Contact system | Bridge contact |
| Contact material | Gold |

> electrical data

| | |
|----------------------------------|----------------------|
| Rated voltage, min. | 0.02 V |
| Rated voltage, max. | 35 V |
| Voltage type | AC / DC |
| Rated operating voltage | 0.02-35 V |
| Rated current, min. | 0.001 A |
| Rated current, max. | 0.25 A |
| Power loss | 0.001875 W |
| Maximum connection cross section | 1.5 mm ² |
| Minimum connection cross section | 0.25 mm ² |

Use according to UL:

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

drawings

System drawing

